

| Paper ID | Title | First author | Final PDF | Registration | Copyright Note | Copyright Transfer Submitted | All Completed |
|------------|--|--------------------------|-----------|--------------|----------------|------------------------------|---------------|
| 1570449751 | High-Accuracy Phase-Compensating System Design Using Successively Linearized Constraints | Tian-Bo Deng | yes | yes | yes | 2018-08-22 09:54:34 | yes |
| 1570456690 | Switchable triple-band filter with common resonators and hybrid coupling scheme | Ming-Lin Chuang | yes | yes | yes | 2018-08-30 08:28:45 | yes |
| 1570457044 | A New Method of Analysis of the Sign Algorithm Based on Gaussian Distributed Tap Weights | Shin'ichi Koike | yes | yes | yes | 2018-08-22 22:33:34 | yes |
| 1570457170 | Performance Analysis of MIMO CO-OFDM FSO System under Joint Effect Channel | Jianghao Li | yes | yes | no | 2018-08-23 03:52:00 | no |
| 1570461281 | Performance Analysis of Full Duplex D2D in Opportunistic Spectrum Access | Noman Haider | yes | yes | yes | 2018-08-24 13:15:01 | yes |
| 1570461798 | Develop A Web-Based Visualisation Platform For Wireless Sensor Network Generation | Bowen Han | yes | yes | yes | 2018-08-24 00:21:00 | yes |
| 1570462091 | Vehicle License Plate Recognition System Based on Deep Learning Deployed to PYNQ | Xiaoying Hou | yes | yes | yes | 2018-08-22 10:56:00 | yes |
| 1570462251 | An Efficient method of Optimal Routing System for Transportation (Yangon) | Nyein Soe | yes | yes | yes | 2018-08-23 02:06:00 | yes |
| 1570462293 | Develop A Virtual System Using Traffic Flow Model For Intelligent Transportation in Smart City | Junfeng Yao | yes | yes | yes | 2018-08-24 00:14:00 | yes |
| 1570462559 | Low-complexity Digital Modem Implementation for High-Speed Point-to-Point Wireless Communications | Hao Zhang | yes | yes | yes | 2018-08-23 22:25:00 | yes |
| 1570462600 | Develop An Indoor Space Ontology For Finding Lost Properties For Location-Based Service Of Smart City | Sanya Khruahong | yes | yes | yes | 2018-08-24 00:24:00 | yes |
| 1570462667 | Iterative Channel Estimation with Polar Codes for Short Block Transmission | Kentaro Yonei | yes | yes | yes | 2018-08-23 05:35:00 | yes |
| 1570462668 | The Economics of 5G: Shifting from Revenue-per-User to Revenue-per-Machine | Muhammad Suryanegara | yes | yes | yes | 2018-08-24 09:29:12 | yes |
| 1570462689 | Constant Modulus and Kurtosis based Blind Adaptive Array Interference Suppression: Comparisons and New Approach | Kazuki Maruta | yes | yes | yes | 2018-08-22 20:22:21 | yes |
| 1570462754 | Reduced Complexity Direction-of-Arrival Estimation for 2D Planar Massive Arrays:A Separation Approach | Kenta Goto | yes | yes | yes | | no |
| 1570462761 | Improvement and Expansion of Operational Range for STPA-BAA Spectrum Superposing Scheme Using Subcarrier Adaptive Modulation | Katsuya Senoo | yes | yes | yes | 2018-08-22 05:07:00 | yes |
| 1570462839 | LEIWI - A Tool to Compute the Quality of Life Using Open Data | Harald Wahl | yes | yes | yes | 2018-08-22 19:05:06 | yes |
| 1570462953 | A deep contractive auto-encoding network for machinery fault diagnosis | Jing Yi | yes | yes | yes | | no |
| 1570463006 | An Efficient Real-time Scheduling and Proactive Data Download Algorithm for Earth Observation Satellites | Teng Ling | no | yes | no | | no |
| 1570463036 | A Software Cache Mechanism for Reducing the OpenTSDB Query Time | Thada Wangthammang | yes | yes | yes | 2018-08-30 17:31:34 | yes |
| 1570463748 | Image Denoising with Deep Convolutional and Multi-directional LSTM Networks under Poisson Noise Environments | Teerawat Piriayatharawet | yes | no | no | 2018-08-25 16:09:00 | no |
| 1570464058 | Fixed Mobile Convergence (FMC) Services in Indonesia: A Conjoint Analysis of Customer Preference | Muhammad Suryanegara | yes | yes | yes | 2018-08-24 07:23:25 | yes |
| 1570465952 | Convergence Analysis of Greedy Normalised Orthogonal Gradient Adaptive Algorithm | Suchada Sitjongsatoporn | yes | yes | yes | 2018-08-24 05:03:23 | yes |
| 1570466875 | Cooperative Localization with Velocity-Assisted for Mobile Wireless Sensor Networks | Sijia Yu | yes | yes | yes | 2018-08-23 10:00:50 | yes |
| 1570467338 | A Development on Air Pollution Detection Sensors based on NB-IoT Network for Smart Cities | Sarun Duangsuwan | yes | yes | no | 2018-08-23 09:47:00 | no |
| 1570467659 | Design high speed and low power hybrid full adder circuit | Sathaporn Luengsongchai | yes | yes | yes | 2018-08-24 00:30:00 | yes |
| 1570468154 | Detection of Moving Vehicle Spacing | Manussawee Piyaneerant | yes | yes | yes | 2018-08-23 08:32:00 | yes |
| 1570468182 | Design of On-Chip Edge-Coupled Resonator and Its Application for Bandpass Filter in CMOS Technology | Meriam Gay Bautista | yes | no | no | 2018-08-23 08:45:00 | no |
| 1570468231 | Neural Network based Channel Identification and Compensation | Takaki Omura | yes | yes | yes | 2018-08-24 06:27:11 | yes |
| 1570468364 | An Evaluation of Keyword Detection Using ACF of Pitch for Robust Speech Recognition | Jiayue Tang | yes | yes | yes | 2018-08-22 02:59:00 | yes |
| 1570468368 | An FPGA-Based Divider Circuit Using Simulated Annealing Algorithm | Zarrin Tasnim Sworna | yes | yes | yes | | no |
| 1570468371 | Accuracy on Children's Speech Recognition under Noisy Circumstances | Yu Tian | yes | yes | yes | 2018-08-22 03:40:00 | yes |
| 1570468379 | State Recognition and Reinforcement Learning for Two-Wheel Mobile Robot | Yoshihiro Yasutake | yes | yes | yes | 2018-08-23 18:06:32 | yes |
| 1570468537 | A mobile handover mechanism based on fuzzy logic and MPTCP protocol under SDN architecture | Dongdong Yao | yes | yes | yes | 2018-08-23 09:54:44 | yes |
| 1570468539 | Design Methodology of a Miniaturized Millimeter Wave Integrated Passive Resonator using (Bi)-CMOS Technology | Meriam Gay Bautista | yes | no | no | 2018-08-23 07:47:00 | no |
| 1570468554 | Triangular Patch Thin Film Antenna for GPS and UWB System | Thinnawat Jangjing | yes | yes | yes | 2018-08-23 18:13:00 | yes |
| 1570468575 | Design of Voltage Reference Comparator Circuit for Receiver Circuit in VLC System | Weerapong Thongsa | yes | yes | yes | 2018-08-24 02:54:52 | yes |
| 1570468580 | Quality of Service Sensitive Routing for Software Defined Network Using Segment Routing | Ohmmar Min Mon | yes | yes | yes | 2018-08-24 04:35:00 | yes |
| 1570468586 | Lane Boundaries Detection Algorithm based on Retinex with Line Segments Angles Computation | Shwe Win | yes | yes | yes | 2018-08-22 09:59:00 | yes |

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| 1570468688 | Linking Census Data based on Similarity Threshold Method | Khin Su Mon Myint | yes | yes | yes | 2018-08-23 12:00:00 | yes |
| 1570468692 | Automatic Corrective Elevation of GPS Trajectory in Urban Area | Premanan Phuengsaeng | yes | yes | yes | 2018-08-23 14:20:00 | yes |
| 1570468751 | Lifetime Improvement of Wireless Sensor Network using Residual Energy and Distance Parameters on LEACH Protocol | Tin Aye Chit | yes | yes | yes | 2018-08-24 09:17:20 | yes |
| 1570468760 | Early Stage Breast Cancer Detection System using GLCM feature extraction and K-Nearest Neighbor (k-NN) on Mammography image | Than Than Htay | yes | yes | yes | 2018-08-23 07:23:00 | yes |
| 1570468767 | The Improved Training Algorithm of Deep Learning with Self-Adaptive Learning Rate | Sutit Ongart | yes | no | no | 2018-08-31 06:29:21 | no |
| 1570468820 | The Design of Log Periodic Dipole Array Antenna for WLAN/LTE/UWB Applications | Paitoon Raklua | yes | yes | yes | 2018-08-06 05:20:00 | yes |
| 1570469011 | Applying text mining for classifying disease from symptoms | Pannaporn Ketpupong | yes | yes | yes | 2018-08-23 18:24:53 | yes |
| 1570469013 | Salary Predictor System for Thailand Labour Workforce using Deep Learning | Phuwadol Viroonluecha | yes | yes | no | 2018-08-06 04:26:00 | no |
| 1570469119 | Time Series Analysis for Encrypted Traffic Classification: A Deep Learning Approach | Ly Vu | yes | no | no | 2018-08-24 01:25:00 | no |
| 1570469179 | Comparison of the Accuracy of Eight Algorithms Based on IR-UWB Distinguishing Static and Dynamic Human Actions | Zhihao Cui | no | no | no | | no |
| 1570469618 | Integrated Data Acquisition Terminal Used on Board | Yu Xie | yes | yes | yes | 2018-08-27 12:35:00 | yes |
| 1570469621 | Received Signal Strength Distribution Approximation for IEEE 802.15.4 Zigbee Smart Grid Networks | Chaiyod Pirak | yes | yes | yes | 2018-08-24 14:28:00 | yes |
| 1570470255 | 2.4 GHz Rat-Race Coupler with Complex Termination on IPD Process | Chatrpol Pakasiri | yes | yes | yes | 2018-08-23 11:02:00 | yes |
| 1570470718 | Optimized Packetization of H.264 SVC Bitstreams for MIMO Wireless Video Streaming | Manthana Tiawongsuwan | yes | yes | yes | 2018-08-23 08:27:00 | yes |
| 1570470742 | Congestion Detection of Urban Intersections Based on Surveillance Video | Fei-fei Xun | yes | yes | yes | 2018-08-28 08:31:15 | yes |
| 1570470837 | Combinational Models for Enhancing the PTPM Efficiency | Tanagrit Chansaeng | yes | yes | yes | 2018-08-23 13:38:00 | yes |
| 1570470926 | Analysis and Prediction of Employee Turnover Characteristics based on Machine Learning | Heng Zhang | yes | yes | yes | 2018-08-29 06:51:03 | yes |
| 1570471032 | The Performance of Cover Image Steganography for Hidden Information within Image File using Least Significant bit algorithm | Nantinee Soodtoetong | yes | no | yes | | no |
| 1570471087 | Manufacturing Performance and Yield Prediction with Continuous Process Variables | Lertsak Lekawat | yes | yes | yes | | no |
| 1570471267 | Enhanced Genetic Algorithm with Risk Management Model for Optimizing Rice Plantation | Pannavich Ariyatanakatawong | yes | yes | yes | 2018-08-28 13:21:30 | yes |
| 1570471375 | Efficiency Improvement in Wireless Power Transfer System at 2.45 GHz by Using Metamaterials | Sanchai Eardprab | yes | yes | yes | 2018-08-23 17:57:46 | yes |
| 1570471377 | Video Surveillance System Using IP Camera for Target Person Detection | Worawut Yimyam | no | yes | no | 2018-08-29 10:48:00 | no |
| 1570471627 | Signal Processing of GNSS data for Winter Sports | Hidehiko Hayashi | yes | yes | yes | 2018-08-22 06:10:00 | yes |
| 1570471703 | Weapon Detector System by Using X-ray Image Processing Technique | Narumol Chumuang | yes | yes | no | 2018-08-29 12:29:00 | no |
| 1570471736 | Tracking Vehicles System Based on License Plate Recognition | Narumol Chumuang | yes | yes | no | 2018-08-29 12:39:00 | no |
| 1570471739 | Crack on Eggshell Detection System Based on Image Processing Technique | Narumol Chumuang | yes | yes | no | 2018-08-29 12:45:00 | no |
| 1570471787 | IoT Platform Based Smart Parking Navigation System with Shortest Route and Anti-Collision | Kim Daehyun | yes | yes | yes | 2018-08-23 08:43:35 | yes |
| 1570471792 | Impedance Extraction using Impedance Perturbation Method of Electrically Small HF Loop Antenna with Undercover Ferrite Sheet | Chatrpol Pakasiri | yes | yes | yes | 2018-08-23 11:13:06 | yes |
| 1570472016 | Device and Application Development for Rehabilitation of Stroke Patients | Teerapong Boonlar | yes | yes | no | 2018-08-27 04:10:00 | no |
| 1570472028 | OTA-C based compact Low-pass Elliptic Filter | Pipat Prommee | yes | yes | yes | 2018-08-22 19:01:28 | yes |
| 1570472083 | Voltage Differencing Gain Amplifier-Based Quadrature Oscillator Employing All Grounded Passive Elements | Worapong Tangsirat | yes | no | yes | 2018-08-24 05:00:55 | no |
| 1570472089 | A Review of the Prediction Method for Intelligent Transport System | Somkiat Kosolsombat | yes | yes | yes | 2018-08-24 11:12:00 | yes |
| 1570472144 | Designing a Fine-Tuning Tool for Machine Learning with High Speed and Low-Power Processing | Tomoaki Sato | yes | yes | yes | 2018-08-23 10:16:00 | yes |
| 1570472166 | Single VDCC Based Voltage-mode First-order Allpass Filter with Electronic Controllability | Warintorn Cheta | yes | yes | yes | 2018-08-23 03:41:00 | yes |
| 1570472171 | Anomalous Variations of Ionospheric F2-Layer Critical Frequency Prior to the Earthquake of September 30, 2009 Affecting Thailand | Noraset Wichaipanich | yes | yes | yes | 2018-08-23 03:40:00 | yes |
| 1570472203 | Support Vector Machines for Road Images Recognition in Autonomous Car | Ittikon Thammachantuek | yes | yes | yes | 2018-08-23 11:46:00 | yes |
| 1570472204 | IoT-based Versatile Platform for Precision Farming | Theerayod Wiangtong | yes | yes | no | 2018-08-06 01:16:00 | no |
| 1570472254 | Detection and Classification of Buried Improvised Explosive Devices using Cauchy Method | Lakkhana Bannawat | yes | yes | no | 2018-08-24 03:10:00 | no |
| 1570472268 | Probabilistic Lexicon-Based Approach for Stock Market Prediction: A Case Study of The Stock Exchange of Thailand (SET) | Surinthip Sakphoowadon | yes | yes | yes | 2018-08-25 12:27:00 | yes |

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| 1570472287 | Identification and Retrieval system by Using Face Detection | Narumul Chumuang | yes | yes | no | 2018-08-29 12:48:00 | no |
| 1570472319 | Mining Patterns in Housing Characteristics of Migrants | May Bo | yes | yes | yes | 2018-08-24 21:59:00 | yes |
| 1570472320 | License Plate Tracking Based on Template Matching Technique | Narumul Chumuang | yes | yes | no | 2018-08-29 12:52:00 | no |
| 1570472461 | Zernike Moment Based Feature Extraction for Classification of Myanmar Paper Currencies | Khin Oo | yes | yes | yes | 2018-08-22 08:16:00 | yes |
| 1570472994 | Measurability and Interpersonal Comparability of Assessment Data | Hirofumi Yamamura | no | yes | yes | 2018-08-06 23:26:00 | no |
| 1570473108 | Unified Analysis of Secrecy Capacity Over N*Nakagami Cascaded Fading Channel | Rupender Singh | yes | no | yes | 2018-08-25 12:59:59 | no |
| 1570473257 | Development of Game Application for Enhancement of Children's Cognitive Skills | Thaweesak Yingthawornsuk | no | yes | no | 2018-08-27 04:14:00 | no |
| 1570473291 | The Circumstances Surrounding Injunction Based on Technical Standard Patents in Japan | Kota Hagiwara | no | yes | no | | no |
| 1570473617 | A Current-mode PID Controller Using Voltage Differencing Gain Amplifiers | Montree Siripruchyanun | yes | yes | yes | 2018-08-23 02:07:37 | yes |
| 1570474004 | Human Tracking System from Video Based on Blob Analysis and Object Segmentation Method | Chutiwan Boonarchatong | yes | yes | no | 2018-08-31 06:43:00 | no |
| 1570474117 | Design and implementation of a FPAA based PI+CI reset controller Emulator | Suwit Joraked | yes | yes | yes | 2018-08-23 16:48:00 | yes |
| 1570474213 | Singularity Literacy: Civic Skill Shift from Workplace to Studyplace | Toshihiko Yamakami | yes | yes | yes | 2018-08-22 20:35:22 | yes |
| 1570474214 | An Experimental Implementation of an Edge-based AI Engine with Edge-Cloud Coordination | Toshihiko Yamakami | yes | yes | yes | 2018-08-22 20:37:41 | yes |
| 1570474332 | A Preliminary Neural Network Model for Range Spread-F Events at Chumphon Station, Thailand | Phimmason Thammavongsy | yes | yes | yes | | no |
| 1570474452 | Statistical Ground Clutter Analysis for Forward Scatter Micro Radar | Nor Ayu Zakaria | yes | yes | yes | 2018-08-27 04:48:12 | yes |
| 1570474456 | Forest Monitoring System Implementation using Visual Basic and Android Application | Kama Azura Othman | yes | yes | yes | 2018-08-24 03:55:12 | yes |
| 1570474603 | Strong-Indication Full-Adder circuit for NULL Convention Logic automation flows | Basma Fawzy | yes | yes | yes | 2018-08-25 20:26:49 | yes |
| 1570474802 | Optimal Grid-Connected with Multi-Solar PV Placement and Sizing for Power Loss Reduction and Voltage Profile Improvement | Katsarin Seeprompting | yes | yes | yes | 2018-08-23 16:39:32 | yes |
| 1570474807 | Effect of concrete duct bank dimension with thermal properties of concrete on sensitivity of underground power cable ampacity | Kawin Charerndee | yes | yes | yes | 2018-08-24 15:27:00 | yes |
| 1570475488 | A Simple 2-Head 2-Track Detection Method for Bit-Patterned Magnetic Recording Systems | Santi Koonkarnkhai | yes | yes | yes | 2018-08-24 03:18:24 | yes |
| 1570475805 | Research on SDN/NFV Network Traffic Management and Optimization based on Big Data and Artificial Intelligence | Aipeng Guo | yes | yes | yes | 2018-08-27 02:21:47 | yes |
| 1570478582 | Multi-attribute Aware Data Scheduling for Multipath TCP | JiaCheng Luo | yes | yes | yes | | no |
| 1570478733 | A Novel TOPSIS based Consensus Technique for Multiattribute Group Decision Making | Subrata Chakraborty | yes | yes | yes | | no |
| 1570479246 | Thai Musical Instrument "Gong Wong" Sound Synthesis and Its Modification to Standard Musical Note | Sorawat Chivapreecha | yes | yes | yes | 2018-08-23 14:42:00 | yes |
| 1570482265 | Design of User-Friendly Thai Virtual Keyboard Based on Eye-Tracking Controlled System | Suchada Tantisatirapong | no | yes | no | 2018-08-23 19:18:00 | no |
| 1570483573 | Application of Graph Coloring to Coding and Scheduling: A Review | Apirath Limmanee | no | no | no | | no |
| 1570484000 | An Investigation of UWB Path Loss for Body Area Network | Buncha Sansoda | yes | yes | yes | 2018-08-23 03:47:46 | yes |
| 1570485187 | Implementation I2C Controller by using FPGA and Applied for 12 Bits ADC | Thanat Sooknuan | yes | no | yes | 2018-08-23 11:45:00 | no |